Appendix A

Applicants' Marked-Up Claim Language

2.   **(Three Times Amended)** A method of generating a television display at a receiver station, said receiver station comprising a television monitor for displaying television programming and a processor for generating and communicating a video image to said television monitor, said method comprising the steps of:

receiving a television signal, said television signal including digital data;

detecting said digital data and passing said detected digital data to said processor;

generating and communicating said video image in response to a first portion of said detected and passed digital data;

inputting a clear-and-continue signal to said processor in response to a second portion of said detected and passed digital data [detected in said television signal];

controlling said processor based on said clear-and-continue signal, said step of controlling comprising the steps of:

(a)   clearing at least a portion of an output memory;

(b)   jumping to a predetermined instruction; and

(c)   generating video image information based on said predetermined instruction.

3.   **(Amended)** The method of claim 2, wherein said detected and passed digital data include a computer program, said method further comprising the steps of:

storing said computer program at a memory [associated with] operatively connected to said processor; and

determining an address at said memory to which a jump is to be made.

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4.   (Amended)   The method of claim 2, wherein a processor interrupt signal causes said processor to respond to said clear-and-continue signal [at a specific time], said method further [consisting of:

detecting said processor interrupt signal in said television signal;

selecting said processor from a plurality of processors to interrupt based on data detected in said television signal; and

communicating said clear-and-continue signal] comprising the step of:

inputting said clear and continue signal to interrupt [with] said processor [interrupt signal].

5.   (Unchanged) The method of claim 2, wherein said clear-and-continue signal is inputted to said processor by a controller, said method further comprising the steps of:

inputting data detected in said television signal to said controller; and

communicating signals from said controller to said processor based on said inputted data.

6.   (Unchanged) A method of generating a television display at at least one of a plurality of receiver stations, each of said plurality of receiver stations having a television monitor for displaying television programming and a processor for generating and communicating a video image to said television monitor, comprising the steps of:

(a)   receiving a clear-and-continue signal;

(b)   receiving a control signal which operates at a transmitter station to communicate said clear-and-continue signal to a transmitter; and

(c)   transmitting said clear-and-continue signal, said clear-and-continue signal effective at said at least one of a plurality of receiver stations to control said processor to clear at least a portion of an output memory, jump to a predetermined instruction, and generate video image information based on said predetermined instruction.

7.   (Unchanged) A method of generating a television display at at least one of a plurality of receiver stations, each of said plurality of receiver stations having a television monitor for displaying television programming and a processor for generating and communicating a video image to said television monitor, comprising the steps of:

(a)   receiving and storing a clear-and-continue signal; and

(b)   causing said clear-and-continue signal to be communicated to a transmitter at a specific time, thereby to transmit said clear-and-continue signal, said clear-and-continue signal effective at said at least one of a plurality of receiver stations to control said processor to clear at least a portion of an output memory, jump to a predetermined instruction, and generate video image information based on said predetermined instruction.

8.   **(Twice Amended)**   A method of generating a television display in a receiver station, said receiver station including at least one processor for generating a television video image and a television monitor for displaying transmitted television programming and said television video image, said method comprising the steps of:

receiving a broadcast or cablecast transmission including said transmitted television programming and an information transmission, said information transmission further including at least one [or more] embedded [signals] signal;

detecting [said transmitted television programming and] said information transmission in said broadcast or cablecast transmission;

passing said detected information transmission to said processor ;

processing said detected information transmission, in response to said at least one [of said] embedded [signals] signal, to generate said television video image; and

causing said processor, in response to an instruct-to-clear signal, to clear [at least some of] said generated television video image.

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9.   (**Amended**) The method of claim 8, wherein the step of causing said processor to clear [at least some of] said generated television video image further includes the step of [changing] setting [at least a portion of] said generated television video image to a specific color.

10.   (Unchanged) The method of claim 8, further comprising the step of receiving said instruct-to-clear signal.

11.   (**Amended**) The method of claim 10, wherein said instruct-clear-signal is [one of] said at least one embedded [signals] signal.

12.   (Unchanged) The method of claim 8, further comprising the step of generating said instruct-to-clear signal in said receiver station.

13.   (**Amended**) The method of claim 12, wherein the step of generating said instruct-to-clear signal further includes the step of using said processor to generate said instruct-to-clear signal based on [at least one of] said at least one embedded [signals] signal

14.   (**Amended**) The method of claim 8, wherein said received television programming includes only part of a television program, said method further comprising the steps of:

generating a balance of said television program; and

synchronizing delivery of said received part of said television program and said generated balance of said television program at at least one of said television monitor and a television storage device.

15.   (**Amended**) The method of claim 14, wherein a memory is operatively connected to said at least one of said television monitor and said television storage device, and wherein said step

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of synchronizing further comprises placing said generated balance of said television program at said memory and clearing at least some of said memory.

16. **(Amended)** The method of claim 14, wherein a memory is operatively connected to said at least one of said television monitor and said television storage device, said generated balance of said television program includes a receiver specific datum, and wherein said step of synchronizing further comprises placing said receiver specific datum at said memory and clearing at least some of said memory.

17. **(Amended)** The method of claim 14, wherein said at least one processor performs at least one [or more] of said steps of generating said balance and synchronizing delivery, and wherein said method further comprises the step of detecting [one or more] processor instructions in said information transmission which operate to generate said balance or synchronize said delivery.

18. **(Amended)** The method of claim [17]14, wherein [a digital switch communicates said one or more processor instructions to said at least one processor.] said step of generating said balance of said television program comprises computing said balance of said television program.

19. **(Amended)** The method of claim 17, wherein a controller communicates said [one or more] processor instructions to said at least one processor.

20. **(Amended)** The method of claim 14, wherein a controller controls said at least one processor to perform at least one [or more] of said steps of generating said balance and synchronizing delivery, said method further comprising the step of communicating said instruct-to-clear signal from said controller to said at least one processor.

21.   (Amended) The method of claim 20, wherein said controller communicates said instruct-to-clear signal to interrupt said at least one processor [as a processor interrupt].

24.   (Amended) A method of generating a television display in at least one of a plurality of receiver stations, each of said plurality of receiver stations having a processor for generating a television video image and a television monitor for displaying transmitted television programming and said television video image, said method comprising the steps of:

(1)   receiving, in a transmitter station, an instruct-to-clear signal;

(2)   receiving, in said transmitter station, a control signal which operates at said transmitter station to communicate said instruct-to-clear signal to a transmitter; and

(3)   transmitting said instruct-to-clear signal, said instruct-to-clear signal effective in at least one of said plurality of receiver stations to cause said processor to clear [at least some of] said television video image or to change [a portion of] said television video image to a specific color.

25.   (Amended) The method of claim 24, further comprising the steps of:

originating a first instruction specifying a control function to be executed;

originating a second instruction specifying a data characteristic selected from the group consisting of [a data] structure, length, [or] and format; and

organizing said first and second instructions in a sequence, said sequence comprising said instruct-to-clear signal.

26.   (Unchanged) The method of claim 24, further comprising the step of transmitting processor instructions which operate at said receiver station to generate information to be displayed and subsequently to be cleared in response to said instruct-to-clear signal.

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27.   **(Amended)** The method of claim 24, further comprising the step of transmitting data to be displayed [and subsequently to be cleared in response to] based on said instruct-to-clear signal.

28.   **(Amended)** A method of generating a television display in at least one of a plurality of receiver stations, each of said plurality of receiver stations having a processor for generating a television video image and a television monitor for displaying transmitted television programming and said television video image, said method comprising the steps of:

(1)   receiving, in a transmitter station, an instruct-to-clear signal;

(2)   storing, in said transmitter station, said received instruct-to-clear signal; and

(3)   causing said received and stored instruct-to-clear signal to be communicated to a transmitter at a specific time, thereby to transmit said received and stored instruct-to-clear signal, said received and stored instruct-to-clear signal effective in at least one of said plurality of receiver stations to cause said processor to clear [at least some of] said television video image or to change [a portion of] said television video image to a specific color.

29.   **(Amended)** The method of claim 28, wherein said receiver station is capable of receiving a [code] portion of a broadcast or cablecast transmission, said method further comprising the step of transmitting in said [code] portion at least one of said instruct-to-clear signal and data to be stored in memory to be cleared in response to said instruct-to-clear signal.

30.   **(Amended)** The method of claim 29, [further comprising the steps of:

transmitting said at least one of said instruct-to-clear signal and said data in an expanded or contracted code portion; and

transmitting a receiver control signal which enables said receiver station to receive said expanded or contracted code portion.] wherein a portion of said data is transmitted before said instruct-to clear signal is transmitted.

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31.   (**Twice Amended**)   A method of generating a television display in a receiver station, said receiver station including at least one processor for generating a viewer-specific television programming video image and a monitor for displaying said viewer-specific television programming video image, said method comprising the steps of:

receiving, from remote sources, (i) a broadcast or cablecast transmission including transmitted television programming and (ii) a viewer-specific information transmission;

[detecting said received viewer-specific information transmission and said transmitted television programming;]

passing said detected viewer-specific information transmission and at least a portion of said transmitted television programming to said processor;

[processing] storing said passed viewer-specific information transmission [to generate a viewer-specific television video image];

causing said processor, in response to an instruct-to-clear signal, to clear [at least some of] a [video image] memory; [and]

~~generating a viewer-specific television video image for storage at said memory; and~~

combining said viewer-specific television video image and said transmitted television programming to generate said viewer-specific television programming video image.

32.   (**Amended**) The method of claim 31, wherein said [clearing is achieved by changing at least a portion of said video image to a specific color] memory comprises video RAM.

33.   (**Amended**) The method of claim 31, [wherein said detecting step further includes the step of detecting said instruct-to-clear signal] further comprising the step of detecting said instruct-to-clear signal in said broadcast or cablecast transmission.

34.   (**Amended**) The method of claim 31, [further including the step of generating said instruct-to-clear signal at said receiver station] ~~wherein said steps of detecting and clearing occur before said step of combining.~~

35.   (**Twice Amended**)   The method of claim 34, wherein [one of] said broadcast or cablecast transmission [and said viewer-specific information transmission] includes at least one embedded signal and said generating step occurs in response to said at least one embedded signal.

36.   (**New**)   The method of claim 24, wherein said instruct-to-clear signal causes said at least one of said plurality of receiver stations to process an interrupt signal.